



- 40 fps at full resolution
- PoE optional
- Angled-head and board level variants
- Video-iris lens control

简化多相机应用设置

搭载千兆网接口的模块化机器视觉相机

Manta G-095 搭载 Sony ICX692 传感器，在 0.9 MP 分辨率下速度可达 40.0 帧/秒。

Manta 是 Allied Vision 用途最广泛的千兆网口相机系列。该系列相机可提供最丰富的图像传感器选项，并且凭借先进的功能组合简化了多相机应用设置。模块化硬件概念更是让 Manta 相机可提供近乎无限的配置选择，以灵活满足各种应用的需求。

与 Allied Vision 的 **Vimba 套件** 轻松集成，并与最流行的 **第三方图像处理库** 兼容。

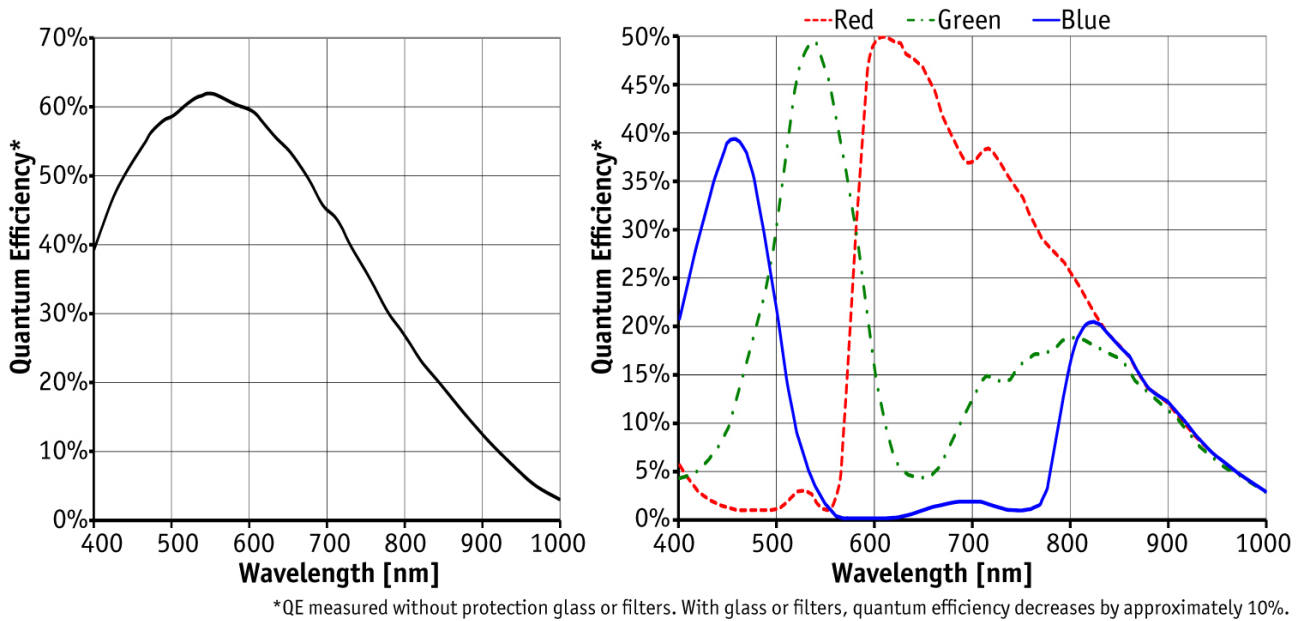
请参阅关于镜头接口、外壳选项、光学滤镜、外壳设计和其他模块化选项。如需特别定制，请参阅 **OEM 定制方案** 网页。

性能参数

| Manta G-095 | |
|-------------------------|--|
| 接口 | IEEE 802.3 1000BASE-T, IEEE 802.3af (PoE) optional |
| 分辨率 | 1292 (H) × 734 (V) |
| 传感器 | Sony ICX692 |
| 传感器类型 | CCD Progressive |
| 快门种类 | Global shutter |
| 传感器尺寸 | Type 1/3 |
| 像元尺寸 | 4.08 μm × 4.08 μm |
| Lens mounts (available) | C-Mount, CS-Mount |
| 最大满帧帧率 | 40 fps |

| Manta G-095 | |
|----------------------|---|
| ADC | 12 Bit |
| 缓存 (RAM) | 32 |
| 输出 | |
| Bit 位数 | 8-12 Bit |
| 黑白像素格式 | Mono8, Mono12, Mono12Packed |
| YUV 彩色像素格式 | YUV411Packed, YUV422Packed, YUV444Packed |
| RGB 彩色像素格式 | RGB8Packed, BGR8Packed, RGBA8Packed, BGRA8Packed |
| 原始像素格式 | BayerRG8, BayerRG12Packed, BayerRG12 |
| 通用输入输出口 (GPIOs) | |
| 光耦 I/Os | 2 inputs, 2 outputs |
| RS232 | 1 |
| 工作条件/尺寸 | |
| 工作温度 | +5 °C to +45 °C |
| 电源要求 (DC) | 8 to 30 VDC AUX or 802.3af PoE |
| 功耗 | 3.6 W at 12 VDC; 4.2 W PoE |
| 重量 | 200 g; 210 g (PoE) |
| 尺寸 (L × W × H in mm) | 86.4 × 44 × 29 mm incl. connectors |
| 符合规范 | CE: 2014/30/EU (EMC), 2011/65/EU (RoHS); FCC Class B; CAN ICES-003 (B) |

量子转换效率

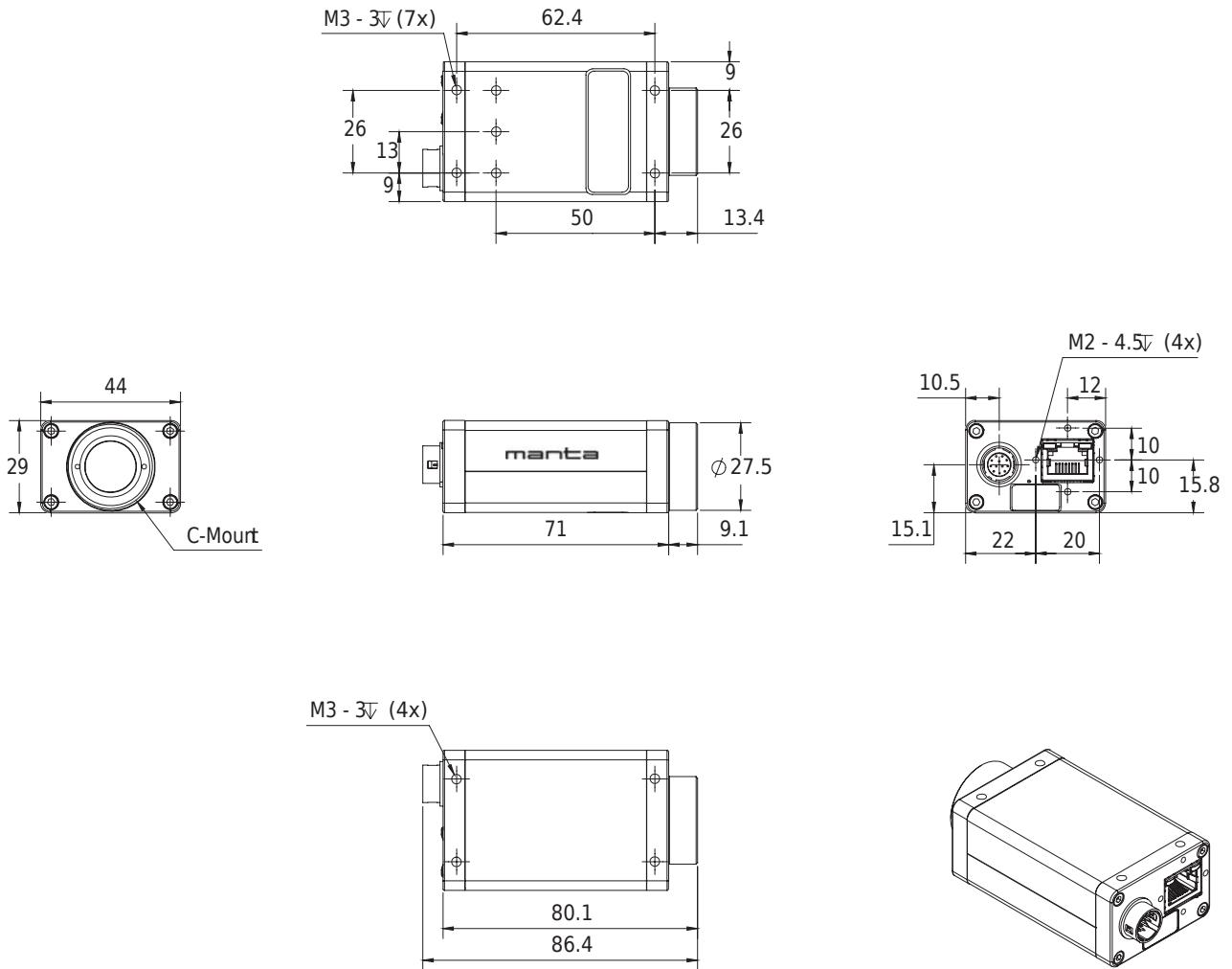


特性

- Video-type auto iris
- ROI, separate ROI for auto features
- Binning
- Decimation
- Auto gain (manual gain control: 0 to 32 dB)
- Auto exposure (45 μ s to 60 s)
- Auto white balance
- LUTs (look-up tables)
- Gamma
- Hue, saturation, color correction
- StreamBytesPerSecond (easy bandwidth control)
- Stream hold
- Sync out modes: Trigger ready, input, exposing, readout, imaging, strobe, GPO
- Event channel
- Chunk data

- Storable user sets

外形尺寸



应用场景

Manta G-095B/C is a very sensitive color camera with GigE Vision interface and PoE option. Like the other Manta cameras, it includes three separate look-up tables for R, G, and B, angled heads, or boardlevel versions with separate sensor head. Typical applications:

- Security and Surveillance
- Imaging with low light level
- Microscopy (low light)



- ... and many more